

# **Camp Lick Project Final Environmental Assessment (FEA)**

## **Appendix A – Project Activity Tables**

Blue Mountain Ranger District  
Malheur National Forest

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## Silviculture and Riparian and Upland Watershed Restoration Treatments

This section lists the various actions incorporated into the treatment units. Refer to the maps in Camp Lick FEA Appendix B – Maps for the locations of the units and a graphic representation of the treatments. Specific information is shown in the tables below. Acres are approximate and subject to change during implementation.

See Table A-1 for specific treatment unit information by alternative.

### Treatment Prescriptions

Alternative 2 incorporates several silvicultural treatment types and several riparian and upland watershed restoration treatment types (see Camp Lick FEA Appendix B – Maps, Maps 3 and 4):

- AR: aspen restoration
- ERT: ecological riparian treatments
- HRT: headwaters restoration treatments
- JET: juniper encroachment treatments
- LP: lodgepole treatments
- MR: meadow restoration
- RLS: reduce late seral
- SIBT: stand improvement biomass thinning
- SICT/SIBT: stand improvement commercial thinning with stand improvement biomass thinning
- SICT: stand improvement commercial thinning
- WWP: western white pine restoration

### Harvest Systems

Alternative 2 incorporates several harvest systems:

- T: tractor harvest system
- S: skyline harvest system
- T/S: combination of tractor and skyline harvest systems

### Activity Fuels Treatments

Alternative 2 incorporates several activity fuels treatments:

- WTY/CTL/GP/HP: whole tree yarding and/or cut to length, grapple piling and/or hand piling, and pile burning
- GP/HP: grapple piling and/or hand piling with pile burning
- HP: hand piling and pile burning only
- RxB: Prescribed burning

**Table A-1. Alternative 2 silvicultural prescriptions, harvest systems, and activity fuels treatments**

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
1	4	SIBT	T	WTY/CTL/GP/HP/RxB
2	61	RLS	T	WTY/CTL/GP/HP/RxB
4	38	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
5	2	SIBT	T	WTY/CTL/GP/HP/RxB
6	47	LP	T	WTY/CTL/GP/HP/RxB
8	17	LP	T	WTY/CTL/GP/HP/RxB
10	22	SICT	T/S	WTY/CTL/GP/HP/RxB
12	34	LP	T	WTY/CTL/GP/HP/RxB
14	4	LP	T	WTY/CTL/GP/HP/RxB
16	37	SICT/SIBT	T	WTY/CTL/GP/HP
18	9	SIBT	T	WTY/CTL/GP/HP/RxB
20	37	LP	T	WTY/CTL/GP/HP/RxB
22	25	SICT	T	WTY/CTL/GP/HP/RxB
24	147	LP	T	WTY/CTL/GP/HP/RxB
26	20	SIBT	T	WTY/CTL/GP/HP/RxB
28	10	RLS	T	WTY/CTL/GP/HP/RxB
30	41	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
32	12	SIBT	T	WTY/CTL/GP/HP/RxB
33	117	SIBT	T	WTY/CTL/GP/HP
34	27	LP	T	WTY/CTL/GP/HP/RxB
36	22	SICT	T	WTY/CTL/GP/HP
38	46	SICT	T	WTY/CTL/GP/HP
40	18	RLS	T	WTY/CTL/GP/HP
42	106	SICT	T/S	WTY/CTL/GP/HP/RxB
44	9	SICT	S	WTY/CTL/HP/RxB
46	15	SICT	T/S	WTY/CTL/GP/HP/RxB
48	11	RLS	T	WTY/CTL/GP/HP/RxB
50	35	RLS	T/S	WTY/CTL/GP/HP/RxB
52	28	RLS	T	WTY/CTL/GP/HP/RxB
60	29	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
68	24	RLS	T	WTY/CTL/GP/HP/RxB
70	32	JET	T	WTY/CTL/GP/HP/RxB
71	15	SIBT	T	WTY/CTL/GP/HP/RxB
72	26	SIBT	T	WTY/CTL/GP/HP/RxB
73	17	SIBT	T	WTY/CTL/GP/HP/RxB
74	51	SIBT	T	WTY/CTL/GP/HP/RxB
75	1	SIBT	T	WTY/CTL/GP/HP/RxB
76	130	JET	T	WTY/CTL/GP/HP/RxB
78	17	SICT	S	WTY/CTL/HP/RxB
80	171	SIBT	T	WTY/CTL/GP/HP
82	14	JET	T	WTY/CTL/GP/HP

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
83	9	SIBT	T	WTY/CTL/GP/HP
84	70	SIBT	T	WTY/CTL/GP/HP
85	3	SIBT	T	WTY/CTL/GP/HP
86	5	SIBT	T	WTY/CTL/GP/HP
88	3	SIBT	T	WTY/CTL/GP/HP
90	14	RLS	T	WTY/CTL/GP/HP
91	11	SIBT	T	WTY/CTL/GP/HP/RxB
92	10	SIBT	T	WTY/CTL/GP/HP/RxB
94	30	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
95	13	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
96	8	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
98	24	SIBT	T	WTY/CTL/GP/HP/RxB
100	28	JET	T	WTY/CTL/GP/HP/RxB
101	19	SIBT	T	WTY/CTL/GP/HP
104	264	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
106	26	SIBT	T	WTY/CTL/GP/HP/RxB
108	29	JET	T	WTY/CTL/GP/HP/RxB
110	13	SICT	T/S	WTY/CTL/GP/HP/RxB
112	15	SICT	T	WTY/CTL/GP/HP
114	69	SICT	T/S	WTY/CTL/GP/HP/RxB
115	11	SICT	T	WTY/CTL/GP/HP/RxB
116	63	SICT	T	WTY/CTL/GP/HP/RxB
120	30	SICT	T/S	WTY/CTL/GP/HP/RxB
122	21	JET	T	WTY/CTL/GP/HP/RxB
124	21	SIBT	T	WTY/CTL/GP/HP/RxB
126	3	SIBT	T	WTY/CTL/GP/HP
128	19	SIBT	T	WTY/CTL/GP/HP
130	62	SICT	T	WTY/CTL/GP/HP/RxB
132	13	SICT	T	WTY/CTL/GP/HP/RxB
133	9	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
134	156	SICT	T	WTY/CTL/GP/HP/RxB
135	18	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
136	22	SIBT	T	WTY/CTL/GP/HP/RxB
137	32	SIBT	T	WTY/CTL/GP/HP/RxB
138	23	SIBT	T	WTY/CTL/GP/HP/RxB
140	19	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
141	21	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
142	130	SIBT	T	WTY/CTL/GP/HP/RxB
144	60	SICT	T	WTY/CTL/GP/HP/RxB
146	149	SICT	T	WTY/CTL/GP/HP/RxB
147	7	SICT	T	WTY/CTL/GP/HP/RxB
148	274	SICT	T	WTY/CTL/GP/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
149	30	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
150	8	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
152	166	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
153	28	SIBT	T	WTY/CTL/GP/HP/RxB
154	182	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
156	24	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
158	73	SICT	T	WTY/CTL/GP/HP/RxB
160	13	SICT	T	WTY/CTL/GP/HP/RxB
166	84	SICT	S	WTY/CTL/HP/RxB
168	153	SICT	T	WTY/CTL/GP/HP/RxB
170	117	SICT	T	WTY/CTL/GP/HP/RxB
172	34	SICT	T	WTY/CTL/GP/HP/RxB
180	69	SICT	T	WTY/CTL/GP/HP/RxB
181	19	SICT	T	WTY/CTL/GP/HP/RxB
182	70	SICT/SIBT	S	WTY/CTL/HP/RxB
184	243	SICT	T	WTY/CTL/GP/HP/RxB
186	23	SIBT	T	WTY/CTL/GP/HP/RxB
188	191	SICT	T	WTY/CTL/GP/HP/RxB
190	255	SICT	T	WTY/CTL/GP/HP/RxB
192	32	JET	T	WTY/CTL/GP/HP/RxB
194	38	SIBT	T	WTY/CTL/GP/HP/RxB
196	13	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
198	49	JET	T	WTY/CTL/GP/HP/RxB
199	67	SICT	T/S	WTY/CTL/GP/HP/RxB
200	22	SICT	T/S	WTY/CTL/GP/HP/RxB
201	1	SICT	T	WTY/CTL/GP/HP/RxB
202	9	SICT/SIBT	S	WTY/CTL/HP/RxB
203	72	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
204	13	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
206	59	SICT	T/S	WTY/CTL/GP/HP/RxB
208	28	SICT/SIBT	T	WTY/CTL/GP/HP
210	47	RLS	T	WTY/CTL/GP/HP
212	51	SICT	T/S	WTY/CTL/GP/HP/RxB
214	13	SICT	T	WTY/CTL/GP/HP
216	43	SICT	S	WTY/CTL/HP
217	4	SIBT	S	WTY/CTL/HP/RxB
218	163	SICT	T/S	WTY/CTL/GP/HP/RxB
219	22	JET	T	WTY/CTL/GP/HP/RxB
220	23	RLS	S	WTY/CTL/HP/RxB
221	20	JET	T	WTY/CTL/GP/HP/RxB
222	73	SIBT	T	WTY/CTL/GP/HP/RxB
223	26	SIBT	T	WTY/CTL/GP/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
224	23	SIBT	T	WTY/CTL/GP/HP/RxB
225	3	SIBT	T	WTY/CTL/GP/HP/RxB
226	36	SIBT	T	WTY/CTL/GP/HP/RxB
227	4	SIBT	T	WTY/CTL/GP/HP/RxB
228	23	SICT	T/S	WTY/CTL/GP/HP/RxB
229	30	SIBT	T	WTY/CTL/GP/HP/RxB
230	75	SICT	T/S	WTY/CTL/GP/HP/RxB
231	19	SIBT	T	WTY/CTL/GP/HP/RxB
232	12	JET	T	WTY/CTL/GP/HP/RxB
233	15	JET	T	WTY/CTL/GP/HP/RxB
234	40	SIBT	T	WTY/CTL/GP/HP/RxB
235	22	SIBT	T	WTY/CTL/GP/HP/RxB
236	118	SIBT	T	WTY/CTL/GP/HP/RxB
237	26	SICT	T	WTY/CTL/GP/HP/RxB
238	133	SICT	T/S	WTY/CTL/GP/HP/RxB
240	41	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
241	27	SICT/SIBT	S	WTY/CTL/HP/RxB
242	296	SICT	T	WTY/CTL/GP/HP/RxB
243	8	SIBT	T	WTY/CTL/GP/HP/RxB
244	28	SIBT	T	WTY/CTL/GP/HP/RxB
245	16	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
246	30	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
247	1	SIBT	T	WTY/CTL/GP/HP/RxB
248	28	SIBT	T	WTY/CTL/GP/HP/RxB
249	9	SIBT	T	WTY/CTL/GP/HP/RxB
250	44	JET	T	WTY/CTL/GP/HP/RxB
251	7	SICT	T	WTY/CTL/GP/HP/RxB
252	34	SICT	T	WTY/CTL/GP/HP/RxB
253	174	SICT	T	WTY/CTL/GP/HP/RxB
254	35	SICT	T	WTY/CTL/GP/HP/RxB
255	8	SICT	T	WTY/CTL/GP/HP/RxB
256	20	SICT	T	WTY/CTL/GP/HP/RxB
258	15	JET	T	WTY/CTL/GP/HP/RxB
259	21	SICT	T	WTY/CTL/GP/HP/RxB
260	44	SICT	T	WTY/CTL/GP/HP/RxB
262	58	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
263	18	SIBT	T	WTY/CTL/GP/HP/RxB
264	112	SICT	T	WTY/CTL/GP/HP/RxB
266	26	SIBT	T	WTY/CTL/GP/HP/RxB
268	57	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
270	83	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
272	12	SICT/SIBT	T	WTY/CTL/GP/HP/RxB



Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
273	19	SIBT	T	WTY/CTL/GP/HP/RxB
274	20	RLS	T	WTY/CTL/GP/HP/RxB
276	19	RLS	S	WTY/CTL/HP/RxB
278	108	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
280	13	SIBT	T	WTY/CTL/GP/HP/RxB
282	47	SICT	S	WTY/CTL/HP/RxB
284	25	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
286	31	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
288	23	SIBT	T	WTY/CTL/GP/HP/RxB
290	11	JET	T	WTY/CTL/GP/HP/RxB
292	15	SIBT	T	WTY/CTL/GP/HP/RxB
294	70	JET	T	WTY/CTL/GP/HP/RxB
295	8	SIBT	T	WTY/CTL/GP/HP/RxB
296	76	RLS	T	WTY/CTL/GP/HP/RxB
298	28	SIBT	T	WTY/CTL/GP/HP/RxB
300	10	SICT	T/S	WTY/CTL/GP/HP/RxB
302	11	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
304	37	SICT	T/S	WTY/CTL/GP/HP/RxB
306	17	SICT	T/S	WTY/CTL/GP/HP/RxB
308	89	RLS	T	WTY/CTL/GP/HP/RxB
309	10	SICT	S	WTY/CTL/HP/RxB
310	59	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
311	7	SICT	T	WTY/CTL/GP/HP/RxB
312	15	SICT	T	WTY/CTL/GP/HP/RxB
314	20	SIBT	T	WTY/CTL/GP/HP/RxB
315	13	SIBT	T	WTY/CTL/GP/HP/RxB
316	34	RLS	T	WTY/CTL/GP/HP/RxB
318	25	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
320	15	SICT/SIBT	S	WTY/CTL/HP/RxB
322	13	SIBT	T	WTY/CTL/GP/HP/RxB
323	10	SIBT	T	WTY/CTL/GP/HP/RxB
324	13	SIBT	T	WTY/CTL/GP/HP/RxB
326	17	SICT	S	WTY/CTL/HP/RxB
327	19	SIBT	T	WTY/CTL/GP/HP/RxB
328	18	RLS	T	WTY/CTL/GP/HP/RxB
330	29	SIBT	T	WTY/CTL/GP/HP/RxB
332	28	SICT	T	WTY/CTL/GP/HP/RxB
333	15	SICT	T	WTY/CTL/GP/HP/RxB
334	35	SICT	T	WTY/CTL/GP/HP/RxB
338	47	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
340	60	JET	T	WTY/CTL/GP/HP/RxB
341	21	JET	T	WTY/CTL/GP/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
342	41	SICT	T	WTY/CTL/GP/HP/RxB
344	25	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
345	1	SIBT	T	WTY/CTL/GP/HP/RxB
346	1	SICT/SIBT	S	WTY/CTL/HP/RxB
347	3	SICT/SIBT	S	WTY/CTL/HP/RxB
348	127	SICT	T	WTY/CTL/GP/HP/RxB
349	15	JET	T	WTY/CTL/GP/HP/RxB
350	56	RLS	T	WTY/CTL/GP/HP/RxB
351	26	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
352	11	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
354	43	RLS	T	WTY/CTL/GP/HP/RxB
356	35	RLS	T	WTY/CTL/GP/HP/RxB
358	62	SIBT	T	WTY/CTL/GP/HP/RxB
359	43	SIBT	T	WTY/CTL/GP/HP/RxB
360	28	RLS	T	WTY/CTL/GP/HP/RxB
362	30	LP	T	WTY/CTL/GP/HP/RxB
364	8	SIBT	T	WTY/CTL/GP/HP/RxB
366	3	SIBT	T	WTY/CTL/GP/HP/RxB
367	1	SICT	T	WTY/CTL/GP/HP/RxB
368	23	SICT	T	WTY/CTL/GP/HP/RxB
369	1	SICT	T	WTY/CTL/GP/HP/RxB
370	29	LP	T	WTY/CTL/GP/HP/RxB
371	9	RLS	T/S	WTY/CTL/GP/HP/RxB
372	38	SIBT	T	WTY/CTL/GP/HP/RxB
374	202	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
376	141	RLS	T	WTY/CTL/GP/HP/RxB
377	19	LP	T	WTY/CTL/GP/HP/RxB
378	55	LP	T	WTY/CTL/GP/HP/RxB
380	43	SICT/SIBT	S	WTY/CTL/HP/RxB
382	24	SIBT	T	WTY/CTL/GP/HP/RxB
384	59	RLS	T	WTY/CTL/GP/HP/RxB
386	47	SICT	T	WTY/CTL/GP/HP/RxB
388	78	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
390	74	SICT	T	WTY/CTL/GP/HP/RxB
392	59	SICT	T	WTY/CTL/GP/HP/RxB
394	47	RLS	T	WTY/CTL/GP/HP
396	41	RLS	T	WTY/CTL/GP/HP/RxB
397	23	LP	T	WTY/CTL/GP/HP/RxB
398	53	SICT	T	WTY/CTL/GP/HP/RxB
400	22	RLS	T	WTY/CTL/GP/HP/RxB
402	82	SICT	T	WTY/CTL/GP/HP/RxB
404	7	SIBT	T	WTY/CTL/GP/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
406	46	SIBT	T	WTY/CTL/GP/HP/RxB
408	22	SIBT	T	WTY/CTL/GP/HP/RxB
410	41	LP	T	WTY/CTL/GP/HP/RxB
411	122	SICT	T	WTY/CTL/GP/HP/RxB
412	41	SICT	T	WTY/CTL/GP/HP/RxB
414	71	SICT	T/S	WTY/CTL/GP/HP/RxB
416	49	SICT	T	WTY/CTL/GP/HP/RxB
418	60	SICT	T	WTY/CTL/GP/HP
419	3	SIBT	T	WTY/CTL/GP/HP/RxB
420	18	SIBT	T	WTY/CTL/GP/HP/RxB
421	42	SIBT	T	WTY/CTL/GP/HP/RxB
422	33	JET	T	WTY/CTL/GP/HP/RxB
423	11	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
424	26	SICT	T	WTY/CTL/GP/HP
426	6	SICT/SIBT	T/S	WTY/CTL/GP/HP/RxB
428	44	SIBT	T	WTY/CTL/GP/HP/RxB
430	57	SIBT	T	WTY/CTL/GP/HP
432	47	SIBT	T	WTY/CTL/GP/HP/RxB
434	15	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
436	24	SICT	S	WTY/CTL/HP/RxB
438	49	RLS	S	WTY/CTL/HP/RxB
440	22	JET	T	WTY/CTL/GP/HP
442	20	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
444	42	SIBT	T	WTY/CTL/GP/HP/RxB
446	84	SICT	S	WTY/CTL/HP/RxB
448	39	SIBT	T	WTY/CTL/GP/HP/RxB
450	25	SICT/SIBT	T	WTY/CTL/GP/HP/RxB
452	16	SICT	T/S	WTY/CTL/GP/HP
454	37	RLS	T	WTY/CTL/GP/HP
456	115	RLS	T	WTY/CTL/GP/HP
458	46	LP	T	WTY/CTL/GP/HP
460	1	SICT	T	WTY/CTL/GP/HP/RxB
461	13	SICT	T	WTY/CTL/GP/HP
462	19	SICT	T	WTY/CTL/GP/HP
500	11	JET	T	WTY/CTL/GP/HP/RxB
501	11	JET	T	WTY/CTL/GP/HP/RxB
502	41	LP	T	WTY/CTL/GP/HP/RxB
503	8	JET	T	WTY/CTL/GP/HP/RxB
504	5	SIBT	T	WTY/CTL/GP/HP
505	15	SIBT	T	WTY/CTL/GP/HP/RxB
506	15	SICT/SIBT	T	WTY/CTL/GP/HP
507	5	SIBT	T	WTY/CTL/GP/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
508	3	SIBT	T	WTY/CTL/GP/HP/RxB
509	1	LP	T	WTY/CTL/GP/HP/RxB
511	6	LP	T	WTY/CTL/GP/HP/RxB
600	12	HRT	S	WTY/CTL/HP/RxB
606	13	HRT	T/S	WTY/CTL/GP/HP
608	28	HRT	T/S	WTY/CTL/GP/HP/RxB
612	39	HRT	S	WTY/CTL/HP/RxB
614	14	HRT	S	WTY/CTL/HP/RxB
616	28	HRT	T	WTY/CTL/GP/HP/RxB
618	27	HRT	T	WTY/CTL/GP/HP/RxB
621	1	MR	T	WTY/CTL/GP/HP/RxB
622	1	MR	T	WTY/CTL/GP/HP/RxB
623	1	MR	T	WTY/CTL/GP/HP/RxB
624	4	MR	T	HP/RxB
625	1	MR	T	WTY/CTL/GP/HP
626	1	MR	T	WTY/CTL/GP/HP/RxB
627	13	MR	T	WTY/CTL/GP/HP/RxB
628	49	MR	T	WTY/CTL/GP/HP
629	10	MR	T	WTY/CTL/GP/HP
630	37	MR	T	WTY/CTL/GP/HP/RxB
631	3	AR	T	WTY/CTL/GP/HP/RxB
632	2	AR	T	WTY/CTL/GP/HP/RxB
633	1	AR	T	WTY/CTL/GP/HP/RxB
634	2	AR	T	WTY/CTL/GP/HP/RxB
635	1	AR	T	WTY/CTL/GP/HP/RxB
636	1	AR	T	WTY/CTL/GP/HP/RxB
637	2	AR	T	WTY/CTL/GP/HP/RxB
638	1	AR	T	WTY/CTL/GP/HP/RxB
639	1	AR	T	WTY/CTL/GP/HP/RxB
640	2	AR	T	WTY/CTL/GP/HP/RxB
641	2	AR	T	WTY/CTL/GP/HP/RxB
642	4	AR	T	WTY/CTL/GP/HP/RxB
643	2	AR	T	WTY/CTL/GP/HP/RxB
644	2	AR	T	WTY/CTL/GP/HP/RxB
645	2	AR	T	WTY/CTL/GP/HP/RxB
646	1	AR	T	WTY/CTL/GP/HP/RxB
647	1	AR	T	WTY/CTL/GP/HP/RxB
648	11	AR	T	WTY/CTL/GP/HP/RxB
649	5	AR	T	WTY/CTL/GP/HP/RxB
650	4	AR	T	WTY/CTL/GP/HP/RxB
651	1	AR	T	WTY/CTL/GP/HP/RxB
652	1	AR	T	WTY/CTL/GP/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
653	1	AR	T	WTY/CTL/GP/HP/RxB
654	2	AR	T	WTY/CTL/GP/HP/RxB
655	1	AR	T	WTY/CTL/GP/HP/RxB
656	4	AR	T	WTY/CTL/GP/HP/RxB
657	3	AR	T	WTY/CTL/GP/HP
658	2	AR	T	WTY/CTL/GP/HP/RxB
659	3	AR	T	WTY/CTL/GP/HP/RxB
660	11	AR	T	WTY/CTL/GP/HP/RxB
700	20	ERT	T	WTY/CTL/HP
701	25	ERT	T	WTY/CTL/HP
702	3	ERT	T	WTY/CTL/HP/RxB
703	3	ERT	T	WTY/CTL/HP
704	1	ERT	T	WTY/CTL/HP
705	18	ERT	T	WTY/CTL/HP
706	9	ERT	T	WTY/CTL/HP
707	158	ERT	T	WTY/CTL/HP/RxB
708	56	ERT	T	WTY/CTL/HP/RxB
709	74	ERT	T	WTY/CTL/HP/RxB
710	3	ERT	T	WTY/CTL/HP/RxB
711	4	ERT	T	WTY/CTL/HP/RxB
712	3	ERT	T	WTY/CTL/HP/RxB
713	1	ERT	T	WTY/CTL/HP/RxB
715	3	ERT	T	WTY/CTL/HP/RxB
716	1	ERT	T	WTY/CTL/HP/RxB
717	28	ERT	T	WTY/CTL/HP/RxB
718	6	ERT	T	WTY/CTL/HP/RxB
719	1	ERT	T	WTY/CTL/HP/RxB
720	2	ERT	T	WTY/CTL/HP/RxB
721	1	ERT	T	WTY/CTL/HP/RxB
722	1	ERT	T	WTY/CTL/HP/RxB
723	1	ERT	T	WTY/CTL/HP/RxB
724	1	ERT	T	WTY/CTL/HP/RxB
725	1	ERT	T	WTY/CTL/HP/RxB
726	154	ERT	T	WTY/CTL/HP/RxB
727	1	ERT	T	WTY/CTL/HP/RxB
728	40	ERT	T	WTY/CTL/HP/RxB
729	30	ERT	T	WTY/CTL/HP/RxB
730	1	ERT	T	WTY/CTL/HP/RxB
731	1	ERT	T	WTY/CTL/HP/RxB
732	58	ERT	T	WTY/CTL/HP/RxB
733	9	ERT	T	WTY/CTL/HP/RxB
734	4	ERT	T	WTY/CTL/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
735	2	ERT	T	WTY/CTL/HP/RxB
736	1	ERT	T	WTY/CTL/HP/RxB
737	1	ERT	T	WTY/CTL/HP/RxB
738	1	ERT	T	WTY/CTL/HP/RxB
739	19	ERT	T	WTY/CTL/HP/RxB
740	12	ERT	T	WTY/CTL/HP/RxB
741	1	ERT	T	WTY/CTL/HP/RxB
742	1	ERT	T	WTY/CTL/HP
743	6	ERT	T	WTY/CTL/HP/RxB
744	22	ERT	T	WTY/CTL/HP/RxB
745	22	ERT	T	WTY/CTL/HP/RxB
746	1	ERT	T	WTY/CTL/HP/RxB
747	26	ERT	T	WTY/CTL/HP/RxB
748	2	ERT	T	WTY/CTL/HP/RxB
749	1	ERT	T	WTY/CTL/HP/RxB
750	1	ERT	T	WTY/CTL/HP/RxB
751	2	ERT	T	WTY/CTL/HP/RxB
752	4	ERT	T	WTY/CTL/HP/RxB
753	6	ERT	T	WTY/CTL/HP/RxB
754	35	ERT	T	WTY/CTL/HP/RxB
755	1	ERT	T	WTY/CTL/HP/RxB
756	1	ERT	T	WTY/CTL/HP/RxB
757	20	ERT	T	WTY/CTL/HP/RxB
758	1	ERT	T	WTY/CTL/HP/RxB
759	1	ERT	T	WTY/CTL/HP/RxB
760	1	ERT	T	WTY/CTL/HP/RxB
761	1	ERT	T	WTY/CTL/HP/RxB
762	1	ERT	T	WTY/CTL/HP/RxB
763	10	ERT	T	WTY/CTL/HP/RxB
764	9	ERT	T	WTY/CTL/HP/RxB
765	19	ERT	T	WTY/CTL/HP/RxB
766	42	ERT	T	WTY/CTL/HP/RxB
767	61	ERT	T	WTY/CTL/HP/RxB
768	26	ERT	T	WTY/CTL/HP/RxB
769	57	ERT	T	WTY/CTL/HP/RxB
770	19	ERT	T	WTY/CTL/HP/RxB
771	6	ERT	T	WTY/CTL/HP/RxB
772	2	ERT	T	WTY/CTL/HP/RxB
773	54	ERT	T	WTY/CTL/HP/RxB
774	21	ERT	T	WTY/CTL/HP/RxB
775	30	ERT	T	WTY/CTL/HP/RxB
776	14	ERT	T	WTY/CTL/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
777	22	ERT	T	WTY/CTL/HP/RxB
778	3	ERT	T	WTY/CTL/HP/RxB
779	23	ERT	T	WTY/CTL/HP/RxB
780	2	ERT	T	WTY/CTL/HP/RxB
781	1	ERT	T	WTY/CTL/HP/RxB
782	1	ERT	T	WTY/CTL/HP/RxB
783	4	ERT	T	WTY/CTL/HP/RxB
784	55	ERT	T	WTY/CTL/HP/RxB
785	17	ERT	T	WTY/CTL/HP/RxB
786	15	ERT	T	WTY/CTL/HP/RxB
787	1	ERT	T	WTY/CTL/HP/RxB
788	6	ERT	T	WTY/CTL/HP/RxB
789	1	ERT	T	WTY/CTL/HP/RxB
790	51	ERT	T	WTY/CTL/HP/RxB
791	1	ERT	T	WTY/CTL/HP/RxB
792	4	ERT	T	WTY/CTL/HP/RxB
793	10	ERT	T	WTY/CTL/HP/RxB
794	6	ERT	T	WTY/CTL/HP/RxB
795	15	ERT	T	WTY/CTL/HP/RxB
796	7	ERT	T	WTY/CTL/HP/RxB
797	5	ERT	T	WTY/CTL/HP/RxB
798	3	ERT	T	WTY/CTL/HP/RxB
799	13	ERT	T	WTY/CTL/HP/RxB
800	10	ERT	T	WTY/CTL/HP/RxB
801	10	ERT	T	WTY/CTL/HP/RxB
802	1	ERT	T	WTY/CTL/HP/RxB
803	3	ERT	T	WTY/CTL/HP/RxB
804	1	ERT	T	WTY/CTL/HP/RxB
805	19	ERT	T	WTY/CTL/HP/RxB
806	4	ERT	T	WTY/CTL/HP/RxB
807	3	ERT	T	WTY/CTL/HP/RxB
808	1	ERT	T	WTY/CTL/HP/RxB
809	1	ERT	T	WTY/CTL/HP/RxB
810	1	ERT	T	WTY/CTL/HP/RxB
811	3	ERT	T	WTY/CTL/HP/RxB
812	1	ERT	T	WTY/CTL/HP/RxB
813	2	ERT	T	WTY/CTL/HP/RxB
814	2	ERT	T	WTY/CTL/HP/RxB
815	3	ERT	T	WTY/CTL/HP/RxB
816	5	ERT	T	WTY/CTL/HP/RxB
817	1	ERT	T	WTY/CTL/HP/RxB
818	1	ERT	T	WTY/CTL/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
819	9	ERT	T	WTY/CTL/HP
820	2	ERT	T	WTY/CTL/HP/RxB
821	1	ERT	T	WTY/CTL/HP/RxB
822	5	ERT	T	WTY/CTL/HP/RxB
825	5	ERT	T	WTY/CTL/HP/RxB
829	1	ERT	T	WTY/CTL/HP/RxB
830	1	ERT	T	WTY/CTL/HP/RxB
831	2	ERT	T	WTY/CTL/HP/RxB
832	2	ERT	T	WTY/CTL/HP/RxB
833	52	ERT	T	WTY/CTL/HP/RxB
834	24	ERT	T	WTY/CTL/HP/RxB
835	2	ERT	T	WTY/CTL/HP/RxB
836	3	ERT	T	WTY/CTL/HP/RxB
837	11	ERT	T	WTY/CTL/HP/RxB
838	55	ERT	T	WTY/CTL/HP
839	1	ERT	T	WTY/CTL/HP/RxB
840	32	ERT	T	WTY/CTL/HP
841	15	ERT	T	WTY/CTL/HP
842	14	ERT	T	WTY/CTL/HP/RxB
843	7	ERT	T	WTY/CTL/HP/RxB
844	4	ERT	T	WTY/CTL/HP/RxB
845	16	ERT	T	WTY/CTL/HP/RxB
846	2	ERT	T	WTY/CTL/HP/RxB
847	1	ERT	T	WTY/CTL/HP/RxB
848	2	ERT	T	WTY/CTL/HP/RxB
849	1	ERT	T	WTY/CTL/HP/RxB
850	2	ERT	T	WTY/CTL/HP/RxB
851	4	ERT	T	WTY/CTL/HP/RxB
852	3	ERT	T	WTY/CTL/HP/RxB
853	4	ERT	T	WTY/CTL/HP/RxB
854	1	ERT	T	WTY/CTL/HP/RxB
855	1	ERT	T	WTY/CTL/HP/RxB
856	1	ERT	T	WTY/CTL/HP/RxB
857	3	ERT	T	WTY/CTL/HP/RxB
858	32	ERT	T	WTY/CTL/HP/RxB
859	3	ERT	T	WTY/CTL/HP/RxB
860	19	ERT	T	WTY/CTL/HP/RxB
862	3	ERT	T	WTY/CTL/HP/RxB
863	8	ERT	T	WTY/CTL/HP/RxB
864	1	ERT	T	WTY/CTL/HP/RxB
865	5	ERT	T	WTY/CTL/HP/RxB
866	28	ERT	T	WTY/CTL/HP/RxB



Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
867	1	ERT	T	WTY/CTL/HP/RxB
868	5	ERT	T	WTY/CTL/HP/RxB
869	2	ERT	T	WTY/CTL/HP/RxB
870	11	ERT	T	WTY/CTL/HP/RxB
871	4	ERT	T	WTY/CTL/HP/RxB
872	4	ERT	T	WTY/CTL/HP/RxB
873	10	ERT	T	WTY/CTL/HP/RxB
874	22	ERT	T	WTY/CTL/HP/RxB
875	17	ERT	T	WTY/CTL/HP/RxB
876	2	ERT	T	WTY/CTL/HP/RxB
877	3	ERT	T	WTY/CTL/HP/RxB
878	1	ERT	T	WTY/CTL/HP/RxB
879	9	ERT	T	WTY/CTL/HP/RxB
880	1	ERT	T	WTY/CTL/HP/RxB
881	5	ERT	T	WTY/CTL/HP/RxB
882	2	ERT	T	WTY/CTL/HP/RxB
883	4	ERT	T	WTY/CTL/HP/RxB
884	4	ERT	T	WTY/CTL/HP/RxB
885	2	ERT	T	WTY/CTL/HP/RxB
886	2	ERT	T	WTY/CTL/HP/RxB
887	7	ERT	T	WTY/CTL/HP/RxB
888	1	ERT	T	WTY/CTL/HP/RxB
889	1	ERT	T	WTY/CTL/HP/RxB
890	1	ERT	T	WTY/CTL/HP/RxB
891	2	ERT	T	WTY/CTL/HP/RxB
892	1	ERT	T	WTY/CTL/HP/RxB
893	28	ERT	T	WTY/CTL/HP/RxB
894	6	ERT	T	WTY/CTL/HP/RxB
895	1	ERT	T	WTY/CTL/HP/RxB
896	2	ERT	T	WTY/CTL/HP/RxB
897	2	ERT	T	WTY/CTL/HP/RxB
898	1	ERT	T	WTY/CTL/HP/RxB
899	1	ERT	T	WTY/CTL/HP/RxB
900	8	ERT	T	WTY/CTL/HP/RxB
901	3	ERT	T	WTY/CTL/HP/RxB
902	34	ERT	T	WTY/CTL/HP/RxB
903	2	ERT	T	WTY/CTL/HP/RxB
903	17	ERT	T	WTY/CTL/HP/RxB
904	14	ERT	T	WTY/CTL/HP/RxB
905	6	ERT	T	WTY/CTL/HP/RxB
906	16	ERT	T	WTY/CTL/HP/RxB
907	23	ERT	T	WTY/CTL/HP/RxB

Unit number	Acres	Silvicultural prescription	Harvest system	Activity fuels treatment
908	1	ERT	T	WTY/CTL/HP/RxB
909	1	ERT	T	WTY/CTL/HP/RxB
910	1	ERT	T	WTY/CTL/HP/RxB
911	1	ERT	T	WTY/CTL/HP/RxB
912	1	ERT	T	WTY/CTL/HP/RxB
913	10	ERT	T	WTY/CTL/HP/RxB
914	11	ERT	T	WTY/CTL/HP/RxB
915	2	ERT	T	WTY/CTL/HP/RxB
916	18	ERT	T	WTY/CTL/HP/RxB
917	6	ERT	T	WTY/CTL/HP/RxB
918	2	ERT	T	WTY/CTL/HP/RxB
919	9	ERT	T	WTY/CTL/HP/RxB
920	1	ERT	T	WTY/CTL/HP/RxB
Total	14,938			

## Road Activities

Roads would be utilized in the Camp Lick planning area to provide access for treatment activities. General road maintenance, temporary road construction, temporarily opening closed roads for log haul, permanently opening currently closed road for access, closing currently open roads, and decommissioning roads are proposed. Temporary road construction and temporarily opening closed roads would occur to provide adequate access for harvest and fuel reduction treatments. See Camp Lick Project FEA Appendix B – Maps, Maps 3 and 6.

## Road Use and Road Maintenance

### Definitions

**Maintenance level 1 road** – Basic custodial maintenance is performed for future resource access and to prevent damage. These roads are closed to motorized travel except for infrequent administrative or other permitted uses. These roads are not shown on motor vehicle use maps.

**Maintenance level 2 road** – Roads are open for use by high clearance vehicles. Passenger car traffic, user comfort, and user convenience are not considerations. Traffic is normally minor, usually consisting of administrative, permitted, dispersed recreation, or log haul.

**Maintenance level 3 road** – Assigned to roads open and maintained for travel by a prudent driver in a standard passenger car. User comfort and convenience are not considered priorities.

### Surface type:

- AC – Asphalt
- AGG – Crushed aggregate or gravel
- IMP – Improved native material
- NAT – Native material

## Haul Routes

The roads listed in the tables below would be used as haul routes under the Camp Lick Project. In order to safely use these roads and reduce environmental impacts, these roads may receive some maintenance. Due to the design of the road system, product haul, and other access needs, some of the roads cross into other subwatersheds. See Table A-2 below for specific haul route information by alternative.

**Table A-2. Alternative 2 haul routes**

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
1800087	1.34	2	NAT	Maintain for haul. Reconstruct drain dips and clean culverts. Rock stream crossing.
1800091	0.65	1	NAT	Reconstruct drain dip and clean culverts. Stormproof with water bars and grass seed. Reconstruct fish crossing or remove. Rock stream crossing. Retain as closed after haul.
1800130	0.59	1	NAT	Maintain for haul. Stormproof and add water bars and grass seed. Reshape road in rill/gulley locations. Retain as closed after haul.
1800312	0.32	2	NAT	Stormproof, water bar, and grass seed.
1800313	0.30	2	NAT	Stormproof, water bar, and grass seed.
1800358	0.30	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
1800499	1.20	2	IMP	Stormproof and add drainage and water bars. Retain as closed after haul.
1800499	2.17	1	NAT	Stormproof and add drainage and water bars. Retain as closed after haul.
1800500	0.54	2	NAT	Maintain for haul.
1800533	1.69	2	NAT	Maintain for haul. Needs new sign.
1800550	0.40	1	NAT	Maintain for haul.
1800550	0.25	2	NAT	Maintain for haul.
1800637	0.37	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
1800754	0.70	2	AGG	Maintain for haul.
1800754	0.30	2	NAT	Maintain for haul.
1800755	0.99	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
1800765	1.93	1	IMP	Stormproof, remove fish barrier culvert, remove culverts, grass seed, and water bar. Retain as closed after haul.
1800771	1.35	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
1800772	0.23	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
1800785	2.04	2	AGG	Hand clean culverts and replace/repair 1 culvert. Rock stream crossing.
1800799	1.71	1	NAT	Maintain for haul. Repair and clean culverts. Add rock to drainage dips. Retain as closed after haul.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
1800833	0.27	1	NAT	Maintain for haul. No closure device.
1800867	0.45	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
2045000	1.51	2	AGG	Maintain for haul. Blade, brush, and drainage work.
2045070	0.69	1	IMP	Stormproof, grass seed, and water bars. Retain as closed after haul.
2045310	0.35	2	AGG	Maintain for haul. Rip rap is being undercut and install drain dip.
2045310	1.94	2	NAT	Maintain for haul. Rip rap is being undercut and install drain dip.
2045310	0.10	2	NAT	Maintain for haul. Rip rap is being undercut and install drain dip.
2045310	0.55	2	NAT	Maintain for haul. Rip rap is being undercut and install drain dip.
2045310	0.09	2	NAT	Maintain for haul. Rip rap is being undercut and install drain dip.
2045311	0.62	1	NAT	Stormproof, grass seed, and water bars. Retain as closed after haul.
2045323	1.63	1	NAT	Stormproof, grass seed, and water bars. Retain as closed after haul.
2045324	0.47	1	IMP	Maintain for haul. Stormproof and retain as closed after haul.
2045372	0.14	1	NAT	Stormproof, grass seed, and water bars. Retain as closed after haul.
2045871	0.18	1	NAT	Stormproof, grass seed, and water bars. Retain as closed after haul.
2045888	0.58	2	AGG	Maintain for haul. Reconstruct drain dips and add rock.
2045888	0.41	2	AGG	Maintain for haul. Reconstruct drain dips and add rock.
2045888	0.37	2	NAT	Maintain for haul. Reconstruct drain dips and add rock.
2045888	0.11	2	NAT	Maintain for haul. Reconstruct drain dips and add rock.
2045897	0.51	1	NAT	Stormproof, grass seed, and water bars. Retain as closed after haul.
3600000	7.32	3	AGG	Maintain for haul. Clean culverts. Additional spot rock needed where equipment is entering road in riparian treatments.
3600000	4.96	3	AGG	Maintain for haul. Clean culverts. Additional spot rock needed where equipment is entering road in riparian treatments.
3600000	0.41	3	AGG	Maintain for haul. Clean culverts. Additional spot rock needed where equipment is entering road in riparian treatments.
3600046	1.00	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3600060	1.00	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3600060	0.20	2	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3600085	0.06	1	NAT	
3600104	0.40	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600105	0.11	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3600106	0.10	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3600138	2.87	1	NAT	Maintain for haul. Stormproof, grass seed, and water bars. Reconstruct water bar features. Repair and clean buried culvert. Rock category 1 stream crossing for haul. Retain as closed after haul.
3600140	0.89	1	NAT	Maintain for haul. Stormproof, grass seed, and water bars. Retain as closed after haul.
3600141	0.13	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600142	0.16	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600142	0.27	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600143	0.13	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600155	0.70	1	NAT	Rock 1 crossing. Decommission road after haul.
3600172	1.92	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3600189	0.77	2	NAT	Maintain for haul. Decommission after haul.
3600189	0.16	2	NAT	Maintain for haul.
3600209	0.85	1	NAT	Fell large woody debris downstream of stream crossing culvert receiving haul. Decommission road after haul.
3600210	0.05	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600211	0.11	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600239	0.38	2	NAT	Maintain for haul. Reconstruct water bars and clean culverts. Stormproof, grass seed, and more water bars.
3600268	0.52	1	NAT	Maintain for haul.
3600395	0.12	1	NAT	Maintain for haul. Clean and repair failing culverts and add inboard ditch. Retain as closed after haul.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3600421	0.41	1	NAT	Fell large woody debris downstream of stream crossing culvert receiving haul. Decommission road after haul.
3600421	0.10	1	NAT	Fell large woody debris downstream of stream crossing culvert receiving haul. Decommission road after haul.
3600448	1.10	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600449	0.79	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600461	0.57	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3600517	1.55	2	IMP	Maintain for haul. Rock 1 crossing.
3600517	0.65	2	AGG	Maintain for haul. Rock 1 crossing.
3600517	0.87	2	IMP	Maintain for haul. Rock 1 crossing.
3600534	1.25	2	NAT	Maintain for haul. Reconstruct water bars and drain dips, clean culvert, and blade riling areas.
3600546	0.33	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3600551	0.12	2	NAT	Maintain for haul. Reconstruct drainage dips and water bars, clean culverts, blade/rock, and add drainage to rill/gulley sections.
3600551	2.07	2	AGG	Maintain for haul. Reconstruct drainage dips and water bars, clean culverts, blade/rock, and add drainage to rill/gulley sections.
3600551	0.64	2	NAT	Maintain for haul. Reconstruct drainage dips and water bars, clean culverts, blade/rock, and add drainage to rill/gulley sections.
3600552	0.56	2	NAT	Maintain for haul. Add drainage dips and blade moderate rill/gulley sections down road tracks.
3600553	0.38	2	NAT	Maintain for haul. Add drainage dips to road.
3600559	0.10	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600568	0.78	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600584	1.82	1	NAT	Stormproof, grass seed, water bar, and remove culverts on 5 perennial channels and 4 culverts on category 4 streams. Reconstruct many water bars and drain dips. Retain as closed after haul.
3600602	0.47	1	NAT	Maintain for haul. Stormproof, grass seed, water bar, and remove culverts. Fell large wood downstream. Retain as closed after haul.
3600685	0.57	1	NAT	Stormproof, grass seed, water bar, and remove culverts. Retain as closed after haul.
3600686	3.36	1	NAT	Stormproof, grass seed, and water bar.
3600686	1.26	2	IMP	Stormproof, grass seed, and water bar.
3600703	3.82	1	NAT	Maintain for haul.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3600756	1.21	1	NAT	Maintain for haul. Stormproof, grass seed, water bar, and remove culverts. Retain as closed after haul.
3600789	0.76	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3600823	1.31	1	NAT	Maintain for haul. Reconstruct failing culvert and remove culvert when storm proofing road. Stormproof, grass seed, and water bar. Retain as closed after haul.
3600840	0.43	1	NAT	Maintain for haul. Rock 100 feet up closed road. Decommission road after haul.
3600856	0.73	2	NAT	Maintain for haul. Stormproof, grass seed, clean culverts, and water bar. Retain as closed after haul.
3600856	0.63	1	NAT	Maintain for haul. Stormproof, grass seed, clean culverts, and water bar. Retain as closed after haul.
3600873	0.61	1	NAT	Stormproof, reconstruct water bars, and grass seed. Retain as closed after haul.
3600873	0.15	1	NAT	Stormproof, reconstruct water bars, and grass seed. Retain as closed after haul.
3600890	0.64	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3600905	1.39	2	NAT	Stormproof, grass seed, water bar, and remove perennial stream crossing culverts. Add large woody debris downstream of stream crossing.
3600905	0.27	2	NAT	Stormproof, grass seed, water bar, and remove perennial stream crossing culverts. Add large woody debris downstream of stream crossing.
3600907	0.03	1	NAT	Stormproof road, grass seed, and water bar. Retain as closed after haul.
3600918	0.41	1	NAT	Stormproof, grass seed, and reconstruct water bars. Retain as closed after haul.
3600924	0.52	1	NAT	Stormproof, grass seed, and reconstruct water bars. Retain as closed after haul.
3600930	0.71	2	NAT	Reshape drain dips and water bars. Clean and repair culverts.
3600941	0.63	1	NAT	Maintain for haul. Decommission road after haul.
3600967	0.16	1	NAT	Maintain for haul. Decommission road after haul.
3600976	0.80	2	NAT	Stormproof road, grass seed, and water bar.
3620000	1.79	2	IMP	Maintain for haul.
3620172	0.23	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3620413	0.98	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3620482	0.17	2	NAT	Maintain for haul.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3620484	0.70	2	NAT	Maintain for haul.
3620567	0.57	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640000	5.96	2	AGG	Maintain for haul.
3640064	0.54	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640130	0.40	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640220	0.05	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640275	0.20	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640667	4.53	2	NAT	Reconstruct road, clean culverts, and add drainage.
3640674	1.48	1	NAT	Maintain for haul. Clean 1 buried culvert. Stormproof and retain as closed after haul.
3640733	4.14	2	NAT	Maintain for haul. Clean ditch and culverts. Replace smaller culverts. Rock crossing.
3640835	0.10	1	NAT	Maintain for haul.
3640836	0.60	1	NAT	Heavy maintenance needed. Stormproof, grass seed, and water bars.
3640852	1.55	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640853	0.36	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640868	0.80	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640886	0.07	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640887	1.65	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640899	0.50	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640954	0.66	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640967	0.81	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3640993	0.35	1	NAT	Maintain for haul.
3640997	0.58	1	NAT	Maintain for haul.
3640997	0.71	1	AGG	Maintain for haul.
3645000	0.80	2	AGG	Maintain for haul. Rock 2 stream crossings
3645000	3.10	2	IMP	Maintain for haul. Rock 2 stream crossings
3645000	0.50	2	NAT	Maintain for haul. Rock 2 stream crossings
3645000	5.06	2	IMP	Maintain for haul. Rock 2 stream crossings
3645158	0.42	2	NAT	Maintain for haul. Stormproof, grass seed, add water bars.



Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3645273	2.47	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3645290	0.89	1	NAT	Maintain for haul. Stormproof and add large wood downstream of stream crossing. Decommission after haul.
3645324	0.52	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3645457	0.69	2	NAT	Maintain for haul. Stormproof, grass seed, water bars, and reshape drainage dips.
3645601	0.80	2	IMP	Maintain for haul.
3645640	0.40	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3645652	1.61	2	NAT	Maintain for haul. Clean culverts. Add drain dips and water bars in erosion sections.
3645654	0.66	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3645720	1.05	1	NAT	Maintain for haul. Add drainage at spring in road. Rock stream crossing. Stormproof, grass seed, water bar, and remove culvert at perennial stream crossing. Retain as closed after haul.
3650000	7.41	2	NAT	Heavy maintenance needed. Additional spot rock needed where equipment is entering road in riparian treatments.
3650000	1.90	2	IMP	Heavy maintenance needed. Additional spot rock needed where equipment is entering road in riparian treatments.
3650000	0.29	2	AGG	Heavy maintenance needed. Additional spot rock needed where equipment is entering road in riparian treatments.
3650000	0.21	2	AGG	Heavy maintenance needed. Additional spot rock needed where equipment is entering road in riparian treatments.
3650025	2.06	2	NAT	Maintain for haul. Reshape water bars, drain dips, and clean culverts. Spot blade sections of rill/gulley on road.
3650030	0.32	2	NAT	Maintain for haul. Stormproof, grass seed, and add/reshape water bars.
3650062	0.88	2	NAT	Maintain for haul.
3650106	0.92	2	NAT	Maintain for haul. Reshape water bars.
3650107	1.05	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650108	0.42	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650110	0.30	2	NAT	Maintain for haul.
3650122	0.51	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3650123	2.67	2	NAT	Maintain for haul.
3650124	0.77	2	NAT	Maintain for haul.
3650125	0.45	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650127	0.30	2	NAT	Maintain for haul. Add large woody debris to stream downstream of road stream crossing. Stormproof, water bar, grass seed, and remove perennial stream crossing culvert. Retain as closed after haul.
3650127	1.24	1	NAT	Maintain for haul. Add large woody debris to stream downstream of road stream crossing. Stormproof, water bar, grass seed, and remove perennial stream crossing culvert. Retain as closed after haul.
3650141	0.28	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650142	0.25	2	NAT	Maintain for haul.
3650190	1.33	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Remove stream crossing culvert. Retain as closed after haul.
3650191	0.80	2	NAT	Maintain for haul. Reshape and clean ditch, water bars, drain dips, reshape road, add or reconstruct drainage dips, unbury and clean culverts, and spot rock.
3650191	6.60	2	NAT	Maintain for haul. Reshape and clean ditch, water bars, drain dips, reshape road, add or reconstruct drainage dips, unbury and clean culverts, and spot rock.
3650191	0.20	2	AGG	Maintain for haul. Reshape and clean ditch, water bars, drain dips, reshape road, add or reconstruct drainage dips, unbury and clean culverts, and spot rock.
3650191	0.30	2	AGG	Maintain for haul. Reshape and clean ditch, water bars, drain dips, reshape road, add or reconstruct drainage dips, unbury and clean culverts, and spot rock.
3650193	0.10	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650193	0.96	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650210	0.36	1	NAT	Maintain for haul.
3650211	2.54	2	NAT	Maintain for haul. Repair culverts and clean catch basin.
3650213	0.66	1	NAT	Maintain for haul.
3650226	6.51	2	NAT	Maintain for haul. Clean and repair culverts. Replace fish bearing buried culvert on Charlie Creek. Add drainage.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3650226	0.34	2	NAT	Maintain for haul. Clean and repair culverts. Replace fish bearing buried culvert on Charlie Creek. Add drainage.
3650226	1.60	2	NAT	Maintain for haul. Clean and repair culverts. Replace fish bearing buried culvert on Charlie Creek. Add drainage.
3650227	0.37	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3650228	0.61	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3650276	1.36	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650283	1.37	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650292	0.20	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3650328	0.38	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3650358	0.60	1	NAT	Maintain for haul. Reconstruct water bars and drainage dips and blade eroded sections. Stormproof, grass seed, and water bar.
3650358	0.20	2	NAT	Maintain for haul. Reconstruct water bars and drainage dips and blade eroded sections. Stormproof, grass seed, and water bar.
3650360	2.75	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Clean culverts, repair drainage structures (24-inch culverts damaging road prism), and add drainage.
3650360	1.19	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Clean culverts, repair drainage structures (24-inch culverts damaging road prism), and add drainage.
3650362	0.17	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3650377	0.80	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Add drainage to springs in road prism.
3650394	2.91	2	NAT	Clean buried culverts and repair road prism around those. Add rock to category 2 stream-road crossing. Add rock to drain dips and wet sections of the road. Reconstruct water bars and drainage dips.
3650395	0.12	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Remove 2 18-inch culverts with grade sags after haul.
3650397	0.07	2	NAT	Maintain for haul.
3650411	0.83	1	NAT	

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3650428	0.89	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Safety issue with 24-inch stream-road crossing and road prism washed out. Remove culverts when storm proofing.
3650428	1.41	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Safety issue with 24-inch stream-road crossing and road prism washed out. Remove culverts when storm proofing.
3650428	0.59	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Safety issue with 24-inch stream-road crossing and road prism washed out. Remove culverts when storm proofing.
3650429	0.30	1	NAT	Maintain for haul. Stormproof, grass seed, and add water bars. Retain as closed after haul.
3650430	0.56	2	NAT	Maintain for haul.
3650478	0.40	2	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650478	1.00	2	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650478	3.58	2	IMP	Maintain for haul. Stormproof and retain as closed after haul.
3650478	3.30	2	AGG	Maintain for haul. Stormproof and retain as closed after haul.
3650479	0.37	2	NAT	Maintain for haul.
3650481	1.36	1	NAT	Maintain for haul. Add culvert and rock for category 1 stream-road crossing (or) add coarse and large woody downstream of culvert. Stormproof, grass seed, and add water bars. Retain as closed after haul.
3650482	0.17	1	NAT	Maintain for haul. Stormproof, grass seed, and add water bars. Retain as closed after haul.
3650483	0.59	1	NAT	Maintain for haul. Stormproof, grass seed, and add water bars. Retain as closed after haul.
3650492	1.15	2	NAT	Maintain for haul. Clean and repair culverts and repair road prism.
3650495	0.84	2	NAT	Maintain for haul.
3650580	2.91	2	NAT	Maintain for haul.
3650613	0.19	2	NAT	Maintain for haul.
3650625	1.66	2	NAT	Maintain for haul. Stormproof, grass seed, water bar road, and remove culverts.
3650631	0.11	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3650651	2.98	2	NAT	Maintain for haul. Add and reconstruct drain dips in eroded sections, and clean all culverts.
3650665	0.76	1	NAT	Maintain for haul.
3650682	2.32	2	NAT	Maintain for haul. Reshape water bars and clean culverts.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3650690	0.51	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3650715	0.41	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3650840	0.38	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3650845	0.28	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3650934	0.30	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3660000	2.80	2	IMP	Maintain for haul. Rock 2 perennial stream-road crossings.
3660000	2.40	2	NAT	Maintain for haul. Rock 2 perennial stream-road crossings.
3660000	0.35	2	AGG	Maintain for haul. Rock 2 perennial stream-road crossings.
3660018	0.38	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660019	0.19	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660041	0.18	2	NAT	Maintain for haul. Reconstruct and add drainage dips, water bars, and spot rock in wet spots.
3660120	0.23	2	NAT	Maintain for haul. Add drainage dips, water bars, and clean culverts.
3660125	0.12	2	NAT	Maintain for haul.
3660130	0.67	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3660151	0.54	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660178	1.06	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3660222	0.79	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660240	0.22	2	NAT	Maintain for haul. Stormproof, grass seed, and water bar.
3660268	0.13	2	NAT	Maintain for haul.
3660321	0.50	2	NAT	Maintain for haul. Add drainage features and water bars.
3660447	0.57	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660565	1.06	2	IMP	Maintain for haul. Clean culverts.
3660565	0.25	2	IMP	Maintain for haul. Clean culverts.
3660630	1.24	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Rock perennial stream-road crossing. Retain as closed after haul.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3660636	0.73	2	NAT	Maintain for haul. Clean culverts. Reshape road and spot rock wet spots.
3660664	1.73	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Clean culverts. Retain as closed after haul.
3660698	0.80	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3660698	0.80	1	IMP	Maintain for haul. Stormproof and retain as closed after haul.
3660822	0.55	1	NAT	Maintain for haul.
3660851	0.20	2	NAT	Maintain for haul.
3660852	0.26	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660853	0.65	1	IMP	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3660942	0.90	2	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3660956	1.85	2	NAT	Maintain for haul. Reshape drainage features.
3670000	3.98	2	AGG	Maintain for haul. Additional spot rock needed where equipment is entering road in riparian treatments.
3670000	2.50	2	AGG	Maintain for haul. Additional spot rock needed where equipment is entering road in riparian treatments.
3670344	0.83	2	NAT	Maintain for haul. Add and repair ditches, water bars, and drainage dips. Clean and repair culverts. Reshape road and rock wet spots.
3670344	1.87	2	NAT	Maintain for haul. Add and repair ditches, water bars, and drainage dips. Clean and repair culverts. Reshape road and rock wet spots.
3670347	0.43	1	NAT	Stormproof, grass seed, and water bar. Retain as closed after haul.
3670361	1.90	1	NAT	Rock perennial stream-road crossing. Clean, repair, and remove culverts; blade eroded sections; and reconstruct drainage dips and water bars. Retain as closed after haul.
3670361	0.83	1	NAT	Rock perennial stream-road crossing. Clean, repair, and remove culverts; blade eroded sections; and reconstruct drainage dips and water bars. Retain as closed after haul.
3670384	1.04	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3670633	1.82	2	NAT	Maintain for haul. Clean and repair culverts. Rock stream-road crossing.
3670633	0.59	1	NAT	Maintain for haul. Clean and repair culverts. Rock stream-road crossing.

Road Number	Haul Miles	Current Maintenance Level	Surface Type	Road Notes
3670650	3.25	1	NAT	Maintain for haul. Rock stream crossing. Stormproof, grass seed, water bar, and remove culverts. Retain as closed after haul.
3670650	0.26	1	NAT	Maintain for haul. Rock stream crossing. Stormproof, grass seed, water bar, and remove culverts. Retain as closed after haul.
3670653	0.49	1	NAT	Maintained for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3670684	1.00	1	NAT	Maintain for haul.
3670701	0.90	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3670702	0.15	1	NAT	Maintain for haul. Stormproof and retain as closed after haul.
3670803	1.49	1	NAT	Stormproof, grass seed, water bar, and remove culverts, including juvenile fish passage barrier culvert. Retain as closed after haul.
3670803	0.80	1	IMP	Stormproof, grass seed, water bar, and remove culverts, including juvenile fish passage barrier culvert. Retain as closed after haul.
3670968	1.00	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3670976	0.48	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3675000	5.22	2	AGG	Maintain for haul. Additional spot rock needed where equipment is entering road in riparian treatments.
3675481	0.56	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3675514	3.37	2	NAT	Maintain for haul. Rock 2 perennial stream crossings. Clean and repair culverts and reshape drainage dips.
3675515	1.03	1	NAT	Maintain for haul. Stormproof, grass seed, and water bar. Retain as closed after haul.
3675548	2.09	1	NAT	Maintain for haul. Road naturally grown in, stormproof and place slash on road after haul. Retain as closed after haul.
3675565	0.64	2	NAT	Maintain for haul. Clean culverts.

Proposed haul roads are subject to change through implementation. Any roads that are added to haul during implementation would only have work done as listed in the road maintenance/reconstruction description. Any work needed that is not listed in the description would be consulted on with Forest Service resource specialists. Roads not listed that are to be used would follow all project design criteria outlined in the decision document.

## Temporary Road Construction

Temporary road construction would be necessary to access several timber harvest units. Temporary roads would be rehabilitated after use. See Table A-3 for temporary road construction segments by alternative.

**Table A-3. Alternative 2 temporary road construction**

Temporary road number	Miles*
Temp 1	0.61
Temp 2	0.19
Temp 3	0.17
Temp 4	0.14
Temp 5	0.05
Temp 6	0.12
Temp 7	0.31
Temp 13	0.19
Temp 16	0.27
Temp 18	0.13
Temp 19	0.22
Temp 20	0.09
Temp 21	0.09
Temp 22	0.10
Temp 23	0.25
Temp 24	0.07
Temp 26	0.58
Temp 27	0.14
Temp 28	0.25
Temp 29	0.05
Temp 30	0.13
Temp 31	0.14
Temp 32	0.07
Temp 33	0.12
Temp 34	0.08
Temp 35	0.10
Temp 36	0.18
Temp 37	0.18
Temp 38	0.09
Temp 39	0.32
Temp 40	0.40
Temp 43	0.35
Temp 44	0.23
Temp 45	0.31
Temp 46	0.12
Temp 47	0.09



Temporary road number	Miles*
Temp 48	0.10
Temp 49	0.25
Temp 50	0.17
Temp 51	0.20
Temp 52	0.14
Temp 53	0.61
Temp 54	0.19
Temp 55	0.26
Temp 56	0.19
Temp 57	0.55
Temp 58	0.29
Temp 59	0.26
Temp 60	0.22
Temp 61	0.40

\*GIS inherently smooths lines and distances, miles of temporary road listed in the proposed action were rounded to account for on the ground changes, therefore mileage in Table A-3 does not add up exactly to the miles of temporary roads listed in Chapter 2 of the FEA.

## Road System Changes

The following road activities would occur under alternative to update the road system in the Camp Lick planning area.

**Opening of closed road (ML 1 to ML 2) (3.8 miles):** Road opening is proposed when there is an opportunity to provide access in areas where roads are already open on the ground and are not causing resource damage. In some cases, a road may be opened in order to provide continued access into an area where another access route may be closed due to resource concerns. The proposed road openings would provide 3.8 miles of motorized access on one road segment.

**Closure of open roads (ML 2 to ML 1) (26.3 miles):** Closures are proposed when there is no short-term management need for the road and/or closing the road is needed to address other resource concerns or needs. Closure of roads desired to be kept on the system would occur, but road use would be limited to infrequent management and other permitted activities. Closure may be by a physical barrier or gate, and by regulation. Basic custodial maintenance would be performed for future resource access, to prevent damage. Closed roads are to be left in a stable hydrologic state and are to be periodically maintained.

**Road decommissioning (3.9 miles):** Several currently open or closed roads are proposed for decommissioning to reduce sediment delivery to streams on roads not needed for future management. These roads would be permanently removed from the Forest transportation system. The goal is to establish a condition that would not require custodial maintenance in the future, through stabilization and restoration to a more natural state. Road decommissioning treatments are designed to improve hydrologic and ecologic function. Roads to be decommissioned may be restored by applying the above design criteria for temporary roads with the following exceptions/additions:

- All culverts, roadside ditches, and ruts would be removed.
- Stream crossing areas would be reshaped to resemble a natural condition by meeting the Road and Trail Erosion Control and Decommissioning Requirements found in the Programmatic Aquatic Restoration Biological Opinion (USDI FWS 2013a, page 41).

- Erosion control measures (sediment filters or straw bales) would be utilized where necessary to prevent sediment from reaching the stream. Dispose of fill or waste material in stable sites out of the flood-prone area.
- The road surface would be reshaped or outsloped, and/or frequent cross ditches or waterbars would be constructed to ensure there is not a continuous flow pattern to the stream.
- Effective barriers at the beginning of the road (e.g., berms, rocks, logs, etc.) would be installed to prevent vehicle use.

Decommissioning does not necessarily mean returning a road to its original ground contours. The cost of decommissioning roads can vary greatly due to terrain issues, soil types, slope gradient aspect, locality, etc. Some roads would continue to naturally re-vegetate themselves over time and need no treatment.

**Road relocation (0.7 miles):** Two road segments proposed for decommissioning will be relocated in order to meet resource protection goals while also maintaining management access. The roads will be relocated to remove them from within the riparian habitat conservation areas and eliminate resource issues.

See Camp Lick Project FEA Appendix B – Maps, Map 6 and Table A-4 below for road system changes by road segment.

**Table A-4. Alternative 2 road system changes**

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
1800312	0.00	0.32	0.32	2	Close	The road is in an area that is a priority closure for elk habitat.
1800313	0.00	0.3	0.3	2	Close	The road is in an area that is a priority closure for elk habitat.
1800339	0.00	0.2	0.2	2	Close	The road is redundant to other roads that provide access in the area.
1800500	0.00	0.9	0.9	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
1800533	0.00	1.69	1.69	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a priority closure for elk habitat.
3600105	0.00	0.11	0.11	2	Close	The road is located in Big-Game Winter Range (MA4A).
3600106	0.00	0.1	0.1	2	Close	The road is located in Big-Game Winter Range (MA4A).
3600145	0.00	0.22	0.22	2	Decommission	Due to deferred maintenance the road is starting to return to its

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
						natural state with vegetation overgrowth.
3600189	0.00	0.16	0.16	2	Close	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream. Close but don't decommission to provide access to approximately 40 acres of timber in the area.
3600189	0.16	0.93	0.77	2	Decommission	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream.
3600209	0.00	0.13	0.13	1	Decommission	This segment of road is failing in two locations. New construction required to connect this road to the road system.
3600239	0.00	0.38	0.38	2	Close	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream. Water quality issue.
3600396	0.00	0.24	0.24	2	Decommission	The road is a railroad grade, and is not an actual road. The road would be decommission after dispersed campsite.
3600534	0.00	1.25	1.25	2	Close	The road is located in Big-Game Winter Range (MA4A).
3600617	0.00	0.24	0.24	2	Decommission	The road crosses a meadow and is altering flow paths. Water quality issue.
3600619	0.00	0.13	0.13	2	Decommission	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and is also redundant to another nearby road (FSR 3600551) that provides access to the area.
3600686	4.6	5.9	1.26	2	Close	The road is located in Big-Game Winter Range (MA4A).
3600703	0.00	3.8	3.8	1	Open	The road is open on the ground and shows signs

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
						of use. The state of the road is in good condition.
3600856	0.00	0.73	0.73	2	Close	The Road is located in Big-Game Winter Range (MA4A). The road would be closed beyond the dispersed campsite.
3600905	0.27	1.66	1.39	2	Close	The road is located in Big-Game Winter Range (MA4A) and travels through good quality summer elk forage. Propose to close portion of road west of junction with FSR 3600703 to maintain access to that road.
3600976	0.00	0.8	0.8	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a priority closure for elk habitat.
3620482	0.00	0.18	0.18	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3620484	0.00	0.7	0.7	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3645158	0.00	0.42	0.42	2	Close	The road would be inaccessible and closed by default because it is located behind FSR 3645457 which is being proposed for closure.
3645457	0.00	0.69	0.69	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3645618	0.00	0.27	0.27	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a high

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
						quality summer elk forage area.
3650026	0.00	0.23	0.23	2	Close	The road is located in quality summer elk forage area.
3650027	0.00	0.12	0.12	2	Close	The road is located in quality summer elk forage area.
3650030	0.00	0.32	0.32	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a high priority closure for elk.
3650110	0.00	0.3	0.3	2	Close	There are no longer signs of a designed roadway. The road is also located in elk summer range.
3650122	0.00	0.51	0.51	2	Close	The road is located in Big-Game Winter Range (MA4A).
3650124	0.00	0.77	0.77	2	Close	The road is located in Big-Game Winter Range (MA4A) and summer elk range.
3650127	0.00	0.3	0.3	2	Close	The road is located in quality summer elk forage area.
3650142	0.00	0.25	0.25	2	Close	The road is located in Big-Game Winter Range (MA4A).
3650166	0.00	0.22	0.22	2	Close	The road is redundant to other roads that provide access in the area.
3650210	0.00	0.15	0.15	2	Close	The road is located in a priority closure area for elk.
3650225	0.00	0.27	0.27	2	Decommission	The road and stream are connected and the road has failed in 2 locations.
3650229	0.2	0.41	0.21	2	Decommission	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream. Water quality issue.
3650292	0.00	0.2	0.2	2	Decommission	There are no longer signs of a designed roadway.
3650328	0.00	0.38	0.38	2	Close	Priority closure for elk due to traversing several southeast facing ridges.
3650358	0.00	0.2	0.2	2	Close	This road segment is closed on the ground with culverts pulled. The road

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
						segment also would not be accessible due to proposed closure of FSR 3650360. The road is located in Big-Game Winter Range (MA4A).
3650360	1.19	3.94	2.75	2	Close	The road surface is eroding with gullies present. The road is also located in Big-Game Winter Range (MA4A) and is a priority closure for elk habitat.
3650362	0.00	0.17	0.17	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a priority closure for elk habitat. The road would be inaccessible by proposed FSR 3650360 road closure.
3650377	0.00	0.8	0.8	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3650395	0.00	0.12	0.12	2	Close	The road is located in Big-Game Winter Range (MA4A).
3650396	0.00	0.31	0.31	2	Close	The road is located in Big-Game Winter Range (MA4A).
3650397	0.00	0.07	0.07	2	Close	The Road is washed out and eroded with multiple gullies. High erosion area. The road is located in Big-Game Winter Range (MA4A). Close first segment to allow for future access, decommission the rest of road.
3650397	0.07	0.39	0.32	2	Decommission	The Road is washed out and eroded with multiple gullies. High erosion area. The road is located in Big-Game Winter Range (MA4A). Close first segment to allow for future access,

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
						decommission the rest of road.
3650428	1.40	2.0	0.6	2	Close	Propose to Close portion of road north of FSR 3650394 and stormproof rest of road, the first mile of road is already closed. The road surface is eroding; culvert washed out; 3 foot trees growing on roadbed. The road is also located in Big-Game Winter Range (MA4A).
3650430	0.00	0.56	0.56	2	Close	The road is located in Big-Game Winter Range (MA4A) and ends in an elk forage area.
3650625	0.00	1.67	1.67	2	Close	The road is located in Big-Game Winter Range (MA4A) and traverses ridges and high priority elk nursery and occupancy area.
3650690	0.00	0.52	0.52	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a priority closure for elk habitat.
3650699	0.00	0.38	0.38	2	Decommission	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream. Water quality issue. New construction above this road will be required to facilitate access to timbered ground up slope.
3650700	0.00	0.06	0.06	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use. The road is located in Big-Game Winter Range (MA4A).
3650712	0.00	0.33	0.33	2	Decommission	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream. The road is located in Big-Game Winter Range (MA4A).

Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
3650715	0.00	0.41	0.41	2	Close	The road is located in Big-Game Winter Range (MA4A) and is a high priority closure for elk security and elk nursery.
3650716	0.00	0.09	0.09	2	Decommission	The road is located in a valley bottom causing fine sediment production. Water quality issue.
3650845	0.00	0.28	0.28	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3660020	0.00	0.36	0.36	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3660042	0.00	0.3	0.3	2	Close	Due to deferred maintenance the road is starting to return to its natural state with vegetation overgrowth and would be placed in long term storage for future use.
3660240	0.00	0.23	0.23	2	Close	The road is located in Big-Game Winter Range (MA4A).
3660565	0.00	0.53	0.53	2	Decommission	Propose to decommission portion of road between FSRs 3660630 to 3660 (parallels a stream, erosion issue)
3660565	0.53	1.591	1.06	2	Close	The road is in close proximity to the stream, and is at high risk for sediment delivery into stream. Water quality issue.
3660851	0.00	0.2	0.2	2	Close	The road is located in Big-Game Winter Range (MA4A).
New road number to be assigned	0.00	0.41	0.41	2	Relocation	New construction to provide access to area due to decommissioned



Road number	Beginning mile post	Ending mile post	Miles in planning area	Current maintenance level	Proposed change	Rationale for proposed change
after construction						segments of 3600189 and 3600209.
New road number to be assigned after construction	0.00	0.27	0.27	1	Relocation	Relocate 3650699 from current location directly adjacent to stream to upper edge of RHCA.

<sup>1</sup>Deferred maintenance is defined as "Maintenance that was not performed when it should have been or when it was scheduled and which, therefore, was put off or delayed for future period.

## Confirmation of Past Administratively Closed Roads

Within the Camp Lick planning area, there are road segments identified in the road system database as closed by previous administrative actions. These road segments, identified as ML 1, are included in this project so they can be documented as closed through the Camp Lick NEPA process. Many of these road segments are currently overgrown with natural vegetation, physically blocked with a gate or earthen berm, or the road prism is no longer visible. Through this analysis, approximately 12.8 miles of road are proposed for official closure in alternative 2. Each of these roads was reviewed during the transportation analysis process to validate the need to maintain the road as closed. These roads would be kept on the system and periodically maintained to stable hydrologic states, but use would be limited to infrequent resource management or other permitted activities. Closure may be by a physical barrier or gate, and by regulation. See Table A-5 for road segments that would be confirmed as closed.

**Table A-5. Past administratively closed roads to be confirmed as closed under alternative 2**

Road number	Beginning mile post	Ending mile post	Miles	Current and proposed maintenance level
2045871	0.00	0.18	0.18	1
3600506	0.00	0.19	0.19	1
3600559	0.00	0.10	0.10	1
3600568	0.00	0.78	0.78	1
3600602	0.00	0.47	0.47	1
3640064	0.00	0.55	0.55	1
3640067	0.00	0.20	0.20	1
3640130	0.00	0.40	0.40	1
3640461	0.00	0.09	0.09	1
3650107	0.00	1.05	1.05	1
3650108	0.00	0.42	0.42	1
3650125	0.00	0.45	0.45	1
3650141	0.00	0.28	0.28	1
3650227	0.00	0.38	0.38	1
3650228	0.00	0.61	0.61	1
3650282	0.00	0.06	0.06	1
3650359	0.00	0.16	0.16	1
3650429	0.00	0.30	0.30	1
3650477	0.00	0.33	0.33	1
3650481	0.00	1.37	1.37	1

<b>Road number</b>	<b>Beginning mile post</b>	<b>Ending mile post</b>	<b>Miles</b>	<b>Current and proposed maintenance level</b>
3650482	0.00	0.17	0.17	1
3650483	0.00	0.59	0.59	1
3650484	0.00	0.14	0.14	1
3650709	0.00	0.37	0.37	1
3650710	0.00	0.22	0.22	1
3650713	0.00	0.59	0.59	1
3650840	0.00	0.38	0.38	1
3670347	0.00	0.48	0.48	1
3690238	0.00	1.44	1.44	1
3660450-Y	0.00	0.09	0.09	1